

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
WATER POLLUTION CONTROL PERMIT

Q.U.
EPA Region 5 Records Ctr.



391114

PERMIT NO.: 1984-E0-0891

DATE ISSUED: August 7, 1984

FINAL PLANS, SPECIFICATIONS, APPLICATION
AND SUPPORTING DOCUMENTS

LOG NUMBERS: 0891-84

PREPARED BY: The Quaker Oats Company

SUBJECT: QUAKER OATS COMPANY - John Stuart Research Laboratory - Kennel Wastewater Treatment Facility

PERMITTEE TO OPERATE

Quaker Oats Company
617 West Main Street
Barrington, IL 60010

Permit is hereby granted to the above designated permittee to operate water pollution control facilities described as follows:

a 99,693 cubic-foot lagoon, a 400,000 cubic-foot lagoon, chlorination equipment, spray irrigation field, related piping, spray heads and pumps and necessary appurtenances to treat 12,500 gpd of dog and cat kennel wastewater, with no discharge to waters of the State.

This Operating Permit expires on August 15, 1989.

This Permit renews and replaces Permit Number 1979-FB-5503 which was previously issued for the herein permitted facilities.

This Permit is issued subject to the following Special Condition(s). If such Special Condition(s) require(s) additional or revised facilities, satisfactory engineering plan documents must be submitted to this Agency for review and approval for issuance of a Supplemental Permit.

SPECIAL CONDITION 1: This Permit is issued with the expressed understanding that there shall be no discharge to waters of the state from these facilities. If such discharge occurs, additional or alternate facilities shall be provided. The construction of such additional or alternate facilities may not be started until a Permit for the construction is issued by this Agency.

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THE STANDARD CONDITIONS OF ISSUANCE INDICATED ON THE REVERSE SIDE MUST BE COMPLIED WITH IN FULL. READ ALL CONDITIONS CAREFULLY.

TGM:GS/meiw/1469D/10-11

cc: EPA -- Region 2
Records Unit
Industrial Unit

DIVISION OF WATER POLLUTION CONTROL

Thomas G. McSwiggin

Thomas G. McSwiggin, P.E.
Manager, Permit Section

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SPECIAL Condition 2: The wastewater must be stored and the spray irrigation field must not be used during the following periods:

- a. When the mean air temperature is less than 32°F;
- b. When the ground is frozen;
- c. When the ground is saturated (as from late winter snowmelt and spring rains);
- d. During days when precipitation exceeds 0.1 inches;
- e. During field or crop maintenance and harvest days;
- f. During days set aside for equipment maintenance.

SPECIAL CONDITION 3: The permittee must provide at least one groundwater monitoring well. (Permittee may use the existing potable water well.) The permittee must report concentrations (mg/l) for the following parameters at least once per calendar year:

Nitrate
Ammonia Nitrogen (as N)
Chloride
Sulphate

Total Dissolved Solids
Phosphorus (as P)
pH
TOC

The date and time of sampling shall be recorded. Results of analyses shall be submitted with the renewal application which is due at this Agency 90 days prior to the expiration date of this permit.

SPECIAL CONDITION 4: The wastewater application rate to the spray irrigation field shall not exceed 2.7 inches/acre/3 days.